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Complete if Known

Application Number 09/981,833
Filing Date October 18, 2001
First Named Inventor Ko et al.
Group Art Unit 1624
Examiner Name Unknown
Attorney Docket Number PH-7054-A

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U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)			
RR		2684965		Weston et al.	07/27/1954	260/294
RP		3133061		Kirchner et al.	05/12/1964	260/247.1
RR		4943578		Naylor et al.	07/24/1990	514/252
RR		5116842		Naylor et al.	05/26/1992	514/252
RR		5512567		Terada et al.	04/30/1996	514/231.8
RR		5646151		Kruse et al.	07/08/1997	514/255
RR		5688955		Kruse et al.	11/18/1997	546/276.4
RR		5744458		Kruse et al.	04/28/1998	514/91

FOREIGN PATENT DOCUMENTS

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RR			93/20099		WIPO	10/14/1993		
RR			95/19344		WIPO	07/20/1995		
RR			97/17954		WIPO	05/22/1997		
RR			97/22597		WIPO	06/26/1997		
RR			97/24324		WIPO	07/10/1997		
RR			97/48681		WIPO	12/24/1997		
RR			98/25604		WIPO	06/18/1998		
RR			98/25617		WIPO	06/18/1998		
RR			98/27815		WIPO	07/02/1998		
RR			98/31364		WIPO	07/23/1998		
RR			99/09984		WIPO	03/04/1999		
RR			99/04794		WIPO	02/04/1999		
RR			0747357		EUROPE	06/05/1996		
RR			2013179		GERMAN	10/01/1970		
RR			3163067		JAPAN	07/01/1991		
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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
RRP		KHANDELWAL et al, Agents Acting on CNS, Indian J. Chem. 16B, pp. 1012-1014, 1978	
RR		BIRCH et al., Preparation and Evaluation of Some Hydrophilic Phenylacetl-Piperazines as Peripherally Selective k-Opioid Receptor Agonists, Bioorganic & Medicinal Chemistry Letters, 1992, pp. 1275-1278, Volume 2, No. 10.	
RR		NAYLOR et al., A Potent New Class of k-Receptor Agonist: 4-Substituted 1-(Arylacetyl)-2-[(Dialkylamino)Methyl]Piperazines, J. Med. Chem., 1993, pp. 2075-2083, Volume 36.	
RR		HESSELGESSER et al., Identification and Characterization of Small Molecule Functional Antagonists of the CCR1 Chemokine Receptor, The Journal of Biological Chemistry, 1998, pp. 15687-15692, Volume 273, No. 25.	

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Date Considered

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